

Piston Operated Biocleanse

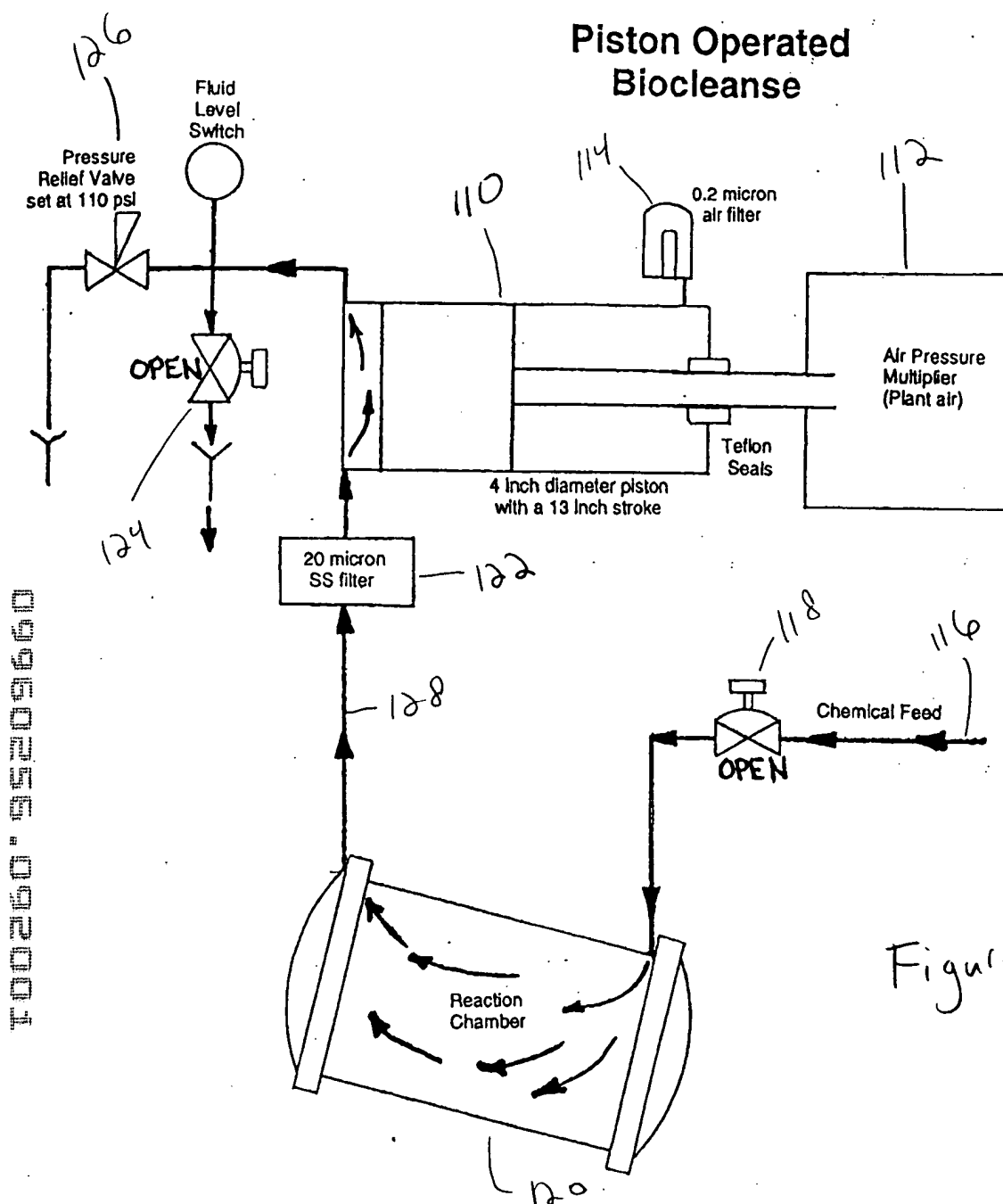


Figure 1

Step #1

Turn on the chemical feed for the appropriate chemical mix and fill the whole mechanism with fluid. We expect small pockets of air to remain but that will not affect operation.

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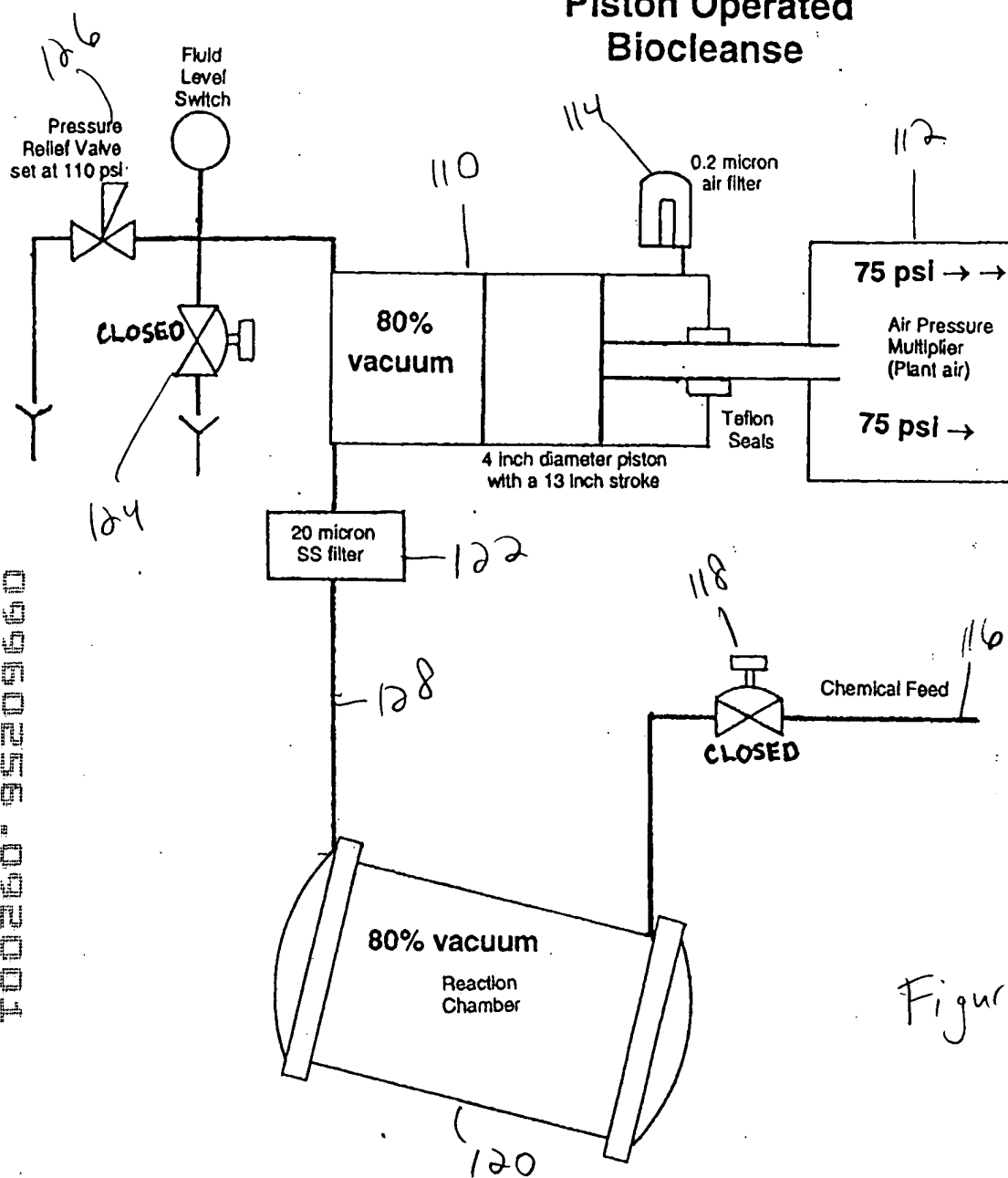


Figure 2

Step #2

Move the piston back until an 80% vacuum occurs in front of the piston (this should occur at about 75 psi of pressure pushing back on the piston through the air pressure multiplier piston). Note that if hydrogen peroxide foaming doesn't allow the 80% vacuum to be made in the piston stroke allotted, then the next forward stroke can be programmed to come completely forward and purge the foam at 110 psi.

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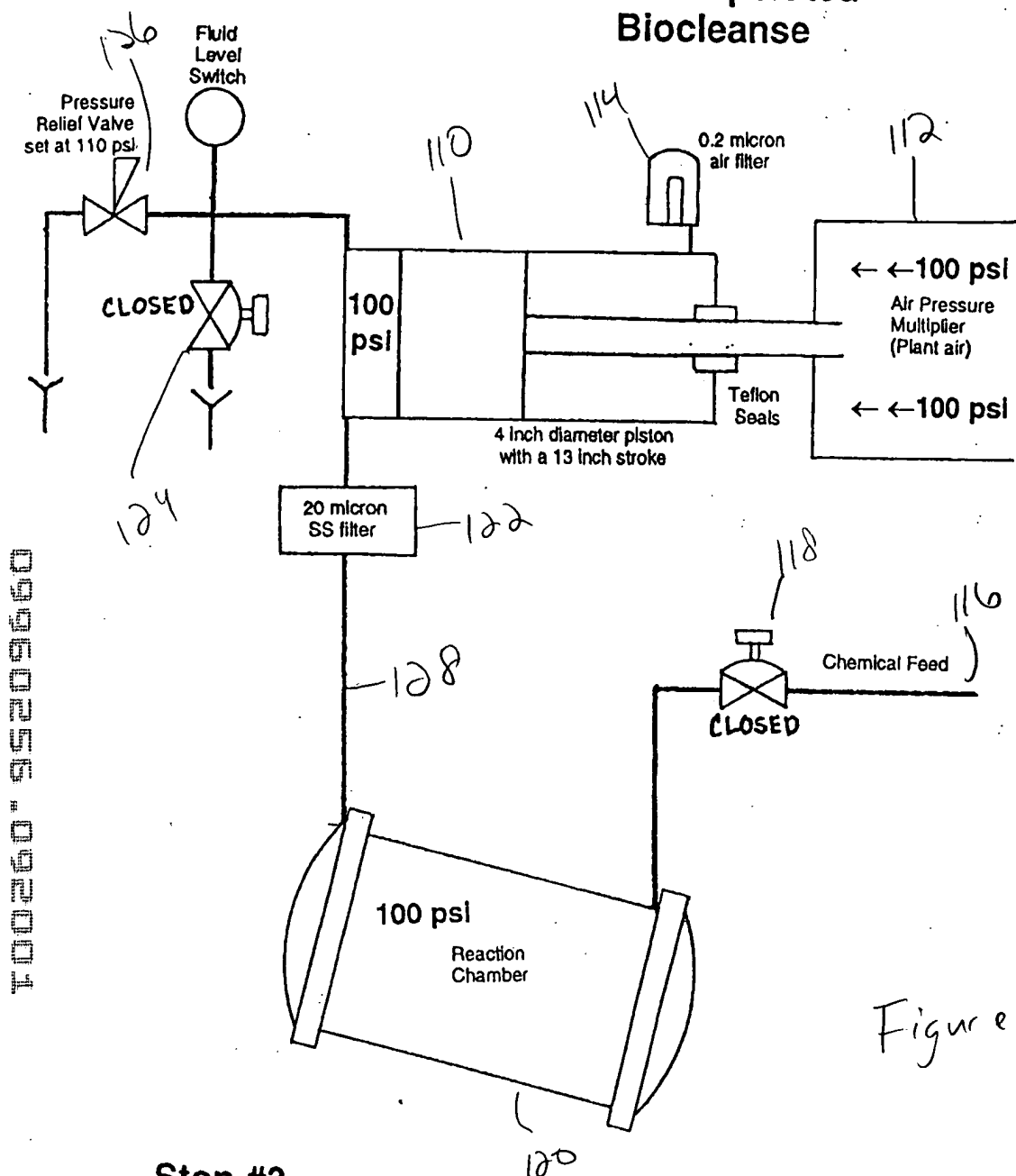


Figure 3

Step #3

Move the piston forward until 100 psi of pressure occurs in front of the piston. Then repeat steps 2 and 3 as often and as quickly as desired.